MARKED-UP COPY OF AMENDED CLAIMS 1, 6, 7, AND 10

1. (twice amended)   A claw pole type actuator of a single-phase structure, comprising:

a stator yoke composed of a pair of substantially circular planar yokes formed of a soft magnetic material, a number N of polar teeth which axially protrude from inner peripheral edges of the respective planar yokes and which are disposed to face each other, extending in an axial direction, and a cylindrical ring provided on outer peripheral edges one of said planar yokes;

[a rotor being concentrically disposed within the stator yoke and being adapted for repetitive rotational movement within a set angular range, the rotor having a number N of magnetic poles;]

an armature being constituted by installing a coil formed by winding a magnetic wire in a coil receiving section shaped like an annular recess formed by said planar yokes, said polar teeth, and said cylindrical ring of said stator yoke;

a rotor being concentrically disposed within the stator yoke and being adapted for repetitive rotational movement within a set angular range in response to energization of said coil, and wherein said rotor is further adapted to be held in a rotational position by a detent torque when said coil is deenergized, said rotor having a magnet, said magnet having a number N of magnetic poles; and

a stator assembly which has flanges with bearing provided on both end surfaces of said armature and in which said [a] rotor [provided with a magnet for a magnetic field composed of a permanent magnet] being installed to face said polar teeth of said stator with a minute gap provided therebetween;

wherein a number of said polar teeth equals the number N of rotor magnetic poles.

6. (amended)   An actuator according to Claim 1, wherein a groove or a cut for destroying magnetic balance is provided in an axial direction on a central portion of either a [one of] south pole or [and] north pole of said magnet [for magnetic field].

7. (amended)   An actuator according to Claim 1, wherein extensions of said [two] polar teeth in a circumferential direction are all the same and stay within a range of 220/N to 260/N degrees at central angle.

10. (amended) An actuator according to Claim 1, wherein a relationship between [a] said detent torque Td (Nm) and a rated torque Trate (Nm) is as follows: $Trate/4 \leq Td \leq 3Trate/4$ where Trate denotes a maximum torque value obtained when a rated current is passed, and detent torque Td denotes a maximum torque when a coil is in a deenergization mode.